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No. 4. *August,* 1929. *p.* 301. (*Also see p.* 529, *No.* 6, *Oct.*, 1929.)

Inches of linear expansion in 100 feet pipe; properties of saturated steam; sample calculations.

Troubles from Obstructions in Steam Pipes, by C. W. Kimball.

No. 4. *August,* 1929. *p.* 310.

Water hammer in a system due to pair of overalls in pipe.

Piping Locomotive Washing Plant.

No. 5. *September,* 1929. *p.* 408.

Piping layout to clean locomotives. 1 i.

Piping for Steam Power Service, by M. William Ehrlich.

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Chart for determining steam flow and pipe sizes for saturated and superheated steam; sample calculations. 1 i.

Piping for Heating With District Steam, by Sterling S. Sanford.

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Practical Piping Problems, by W. H. Wilson.

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Economical Thickness of Heat Insulation, by R. H. Heilman.

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Measurement of Flow of Liquids by the Co-ordinate Method, by F. W. Greve.

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Measurement of Flow of Liquids by the Co-ordinate Method, by Prof. F. W. Greve.

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Tabular data showing amount of liquid flowing in pipe in relation to coordinates of surface of issuing stream. Tests made at Purdue University. This material completes that published in September issue, No. 5.

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